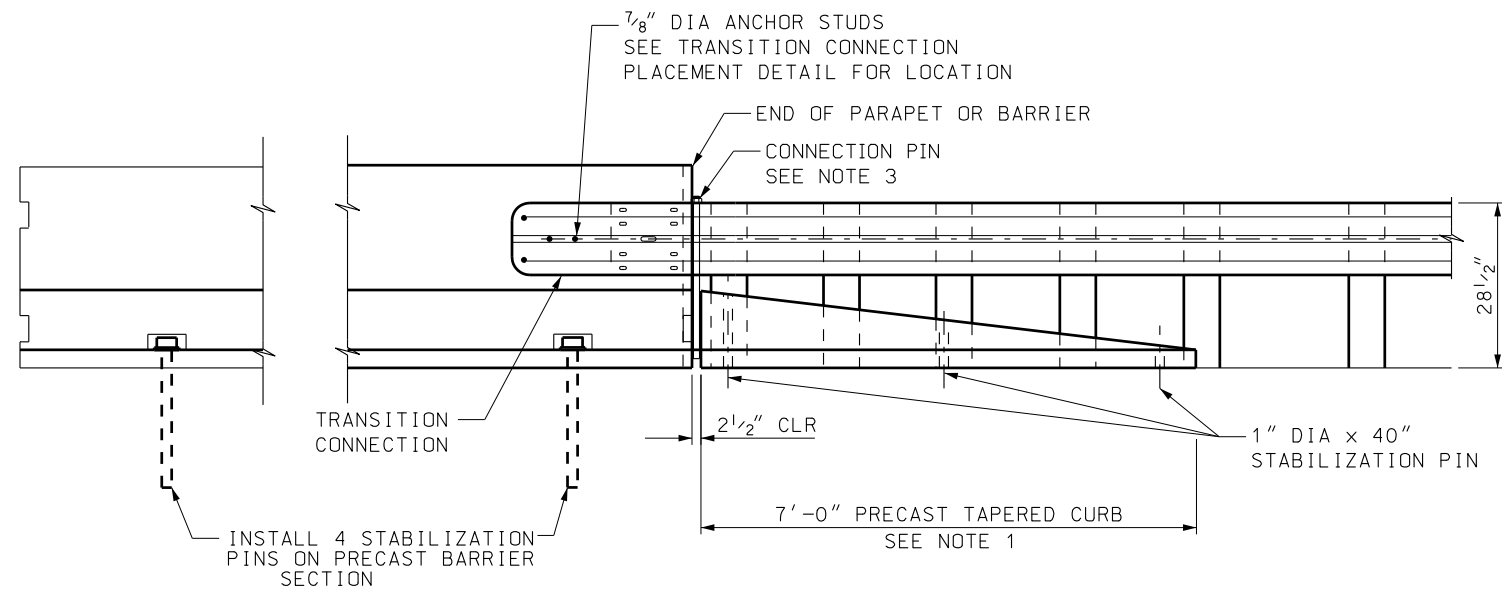


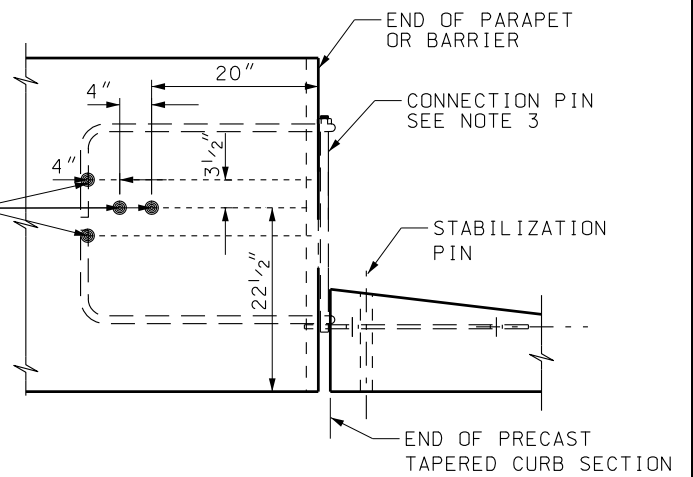
18-DEC-2007 DGN File: L:\Standard Drawings\Impervial\2008\Approved\Barriers (BA)\BA04B.dgn



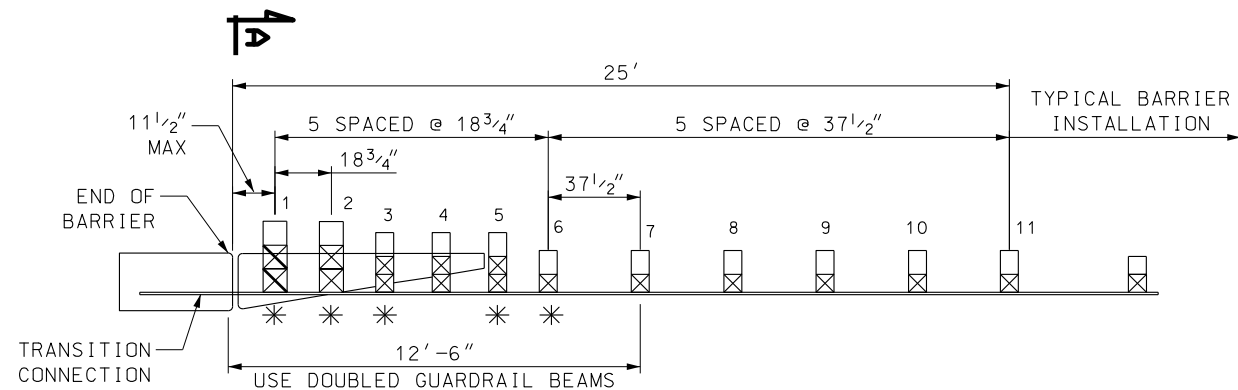
ELEVATION

RIGHT SIDE SHOWN LEFT SIDE SIMILAR

DRILL 4 - 1" x 5 1/2" HOLES.  
EPOXY, USING AASHTO M235  
TYPE 4 EPOXY, INSERT 4,  
7/8" x 6 1/2" HIGH STRENGTH  
GALVANIZED ANCHOR STUDS.  
ALLOW EPOXY TO CURE BEFORE  
ATTACHING TRANSITION  
CONNECTION.

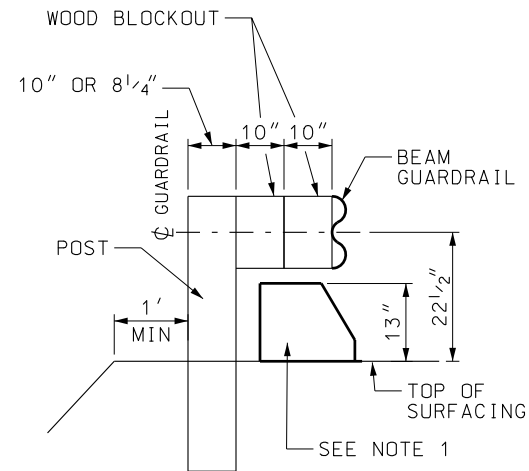


TRANSITION CONNECTION AND CURB SECTION  
PLACEMENT DETAIL

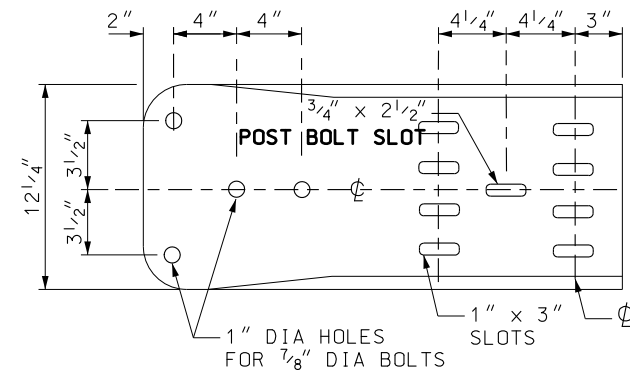


\* GUARDRAIL NOT ATTACHED TO POST

POST PLACEMENT DETAIL



SECTION A-A

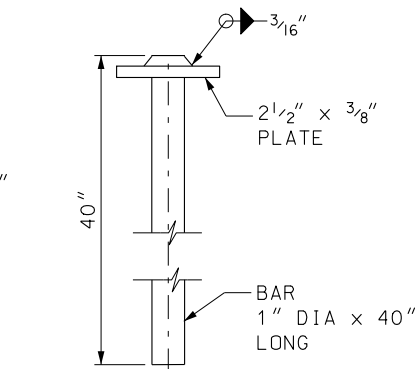
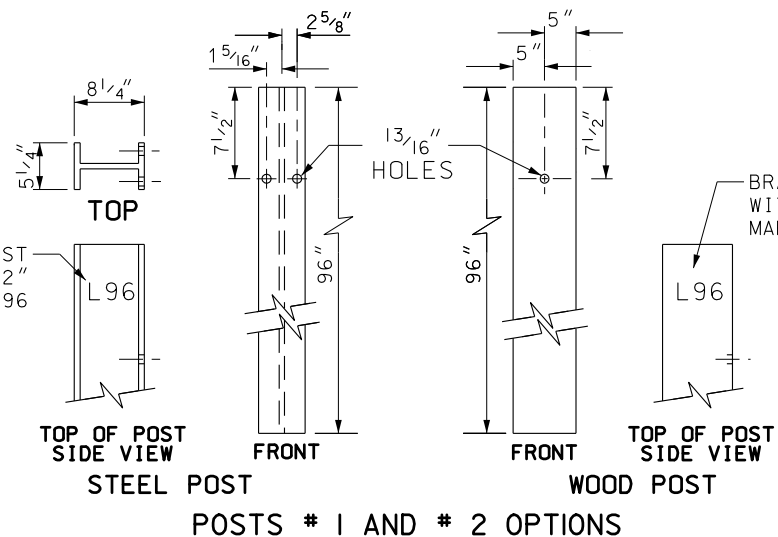


TRANSITION CONNECTION

**WOOD POST OPTION**  
POST # 1 & # 2  
POSTS 10" x 10" x 8'  
BLOCKS 10" x 10" x 14"  
POSTS # 3 THROUGH # 11  
TYPICAL WOOD POSTS  
AND BLOCKS  
(SEE STD DWG BA 4A)

**STEEL POST OPTION**  
POSTS # 1 & # 2  
W8 x 21 x 8'  
BLOCKS 6" x 8" x 14"  
POSTS # 3 THROUGH # 11  
TYPICAL STEEL POSTS  
AND BLOCKS  
(SEE STD DWG BA 4A)

STAMP POST  
WITH 1 1/2" x 2"  
MARKING L96



STABILIZATION PIN

SEE NOTE 5

NOTES:

1. SEE PLAN SET FOR BARRIER OR PARAPET TYPE TO DETERMINE APPROPRIATE CURB SECTION. SEE STD DWG BA 4C FOR CURB SECTION REQUIREMENTS.
2. COMPLETE SITE PREPARATION PRIOR TO INSTALLING TRANSITION.
3. INSTALL A CONNECTION PIN USING A CONNECTION PIN FROM STD DWG BA 1B.
4. PRE-DRILL 1" HOLE THROUGH PAVED SURFACE PRIOR TO INSTALLING STABILIZATION PINS.
5. USE OF A HOT FORGED HEAD, MEETING PLATE SIZE AND THICKNESS IS ACCEPTABLE IN PLACE OF A WELDED PLATE.

UTAH DEPARTMENT OF TRANSPORTATION  
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION

W-BEAM GUARDRAIL  
TRANSITION

STD DWG  
BA 4B

REVISIONS

RECOMMENDED FOR APPROVAL  
CHAIRMAN STANDARDS COMMITTEE  
APPROVED  
DEPUTY DIRECTOR  
JAN.01.2008  
DATE  
JAN.01.2008  
DATE  
REMARKS